



## OFFICE MEMORANDUM

DATE: February 26, 1996

TO: District Engineers  
District Field Engineers  
District Soils and Materials Engineers  
Materials Supervisors  
Resident/Project Engineers

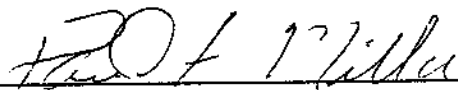
FROM: Paul F. Miller, P.E.  
Engineer of Construction  
  
Calvin Roberts, P.E.  
Engineer of Materials and Technology

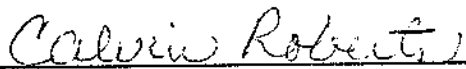
SUBJECT: JOINT CONSTRUCTION AND MATERIALS AND TECHNOLOGY  
INSTRUCTIONAL MEMORANDUM 1996 - B  
Michigan One Point Cone Tests

This past construction season we had several projects in which the resulting Maximum Unit Weight (MD) from the Michigan One Point Cone Test was incorrect.

The incorrect MDs were established at moisture contents between 4 percent and 5 percent. At this range of moisture content, we were still in the bulking range which resulted in the incorrect MDs.

Effective this date, all Michigan One Point Cones will be pounded with a moisture content between 5 percent and a point short of saturation.

  
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Engineer of Construction

  
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Engineer of Materials and Technology